BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)
Term-End Practical Examination
December, 2015

00949

BCS-061(P)/S3 : TCP/IP PROGRAMMING

Time : 2 Hours　　　　　　　　　　　　　　　　　*Maximum Marks : 30*

(Weightage : 15%)

Note :　　There are two **compulsory** questions. Marks are indicated against each question. Rest 10 marks are for viva-voce.

1.　Write Unix command(s) for the following operations :　　　　　　5

　　(a)　Display the physical address of a machine in the network.

　　(b)　To trace new route to a machine in a network.

2.　Write and run a UDP Client and a UDP Server program using C language in Unix/Linux as per the following details :　　　　　　15

　　•　UDP Client will send a text string to the Server.

　　•　UDP Server will check whether this string is a "Palindrome" or not. If yes, return back "P" else "N" to the Client.

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